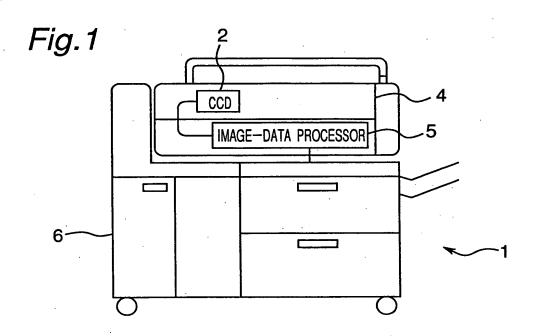
BURNS, DOANE, SWECKER AND MATHIS LLP
LN. FILING DATE: APRIL 25, 2001
LE: APPARATUS AND METHOD FOR DETECTION
ATTORNEY DOCKET NO: 018775-824

19 SHEETS



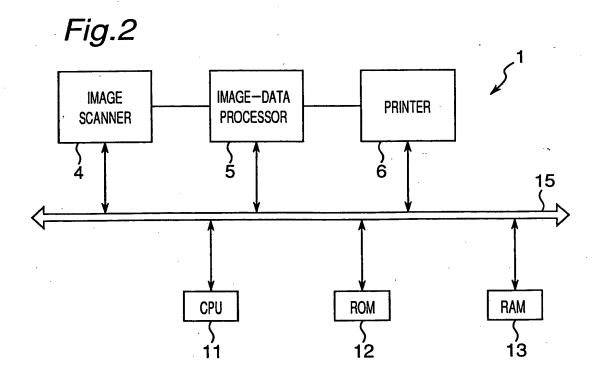
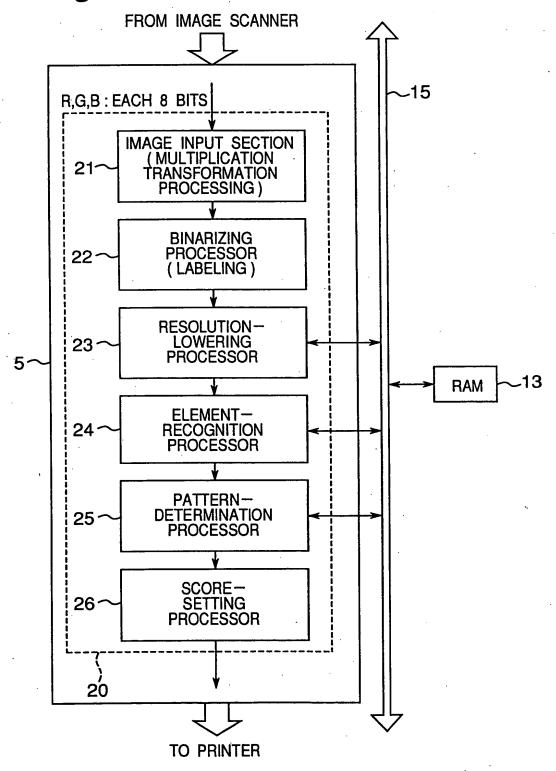
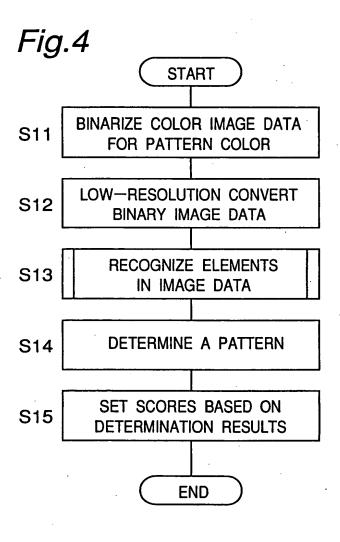


Fig.3





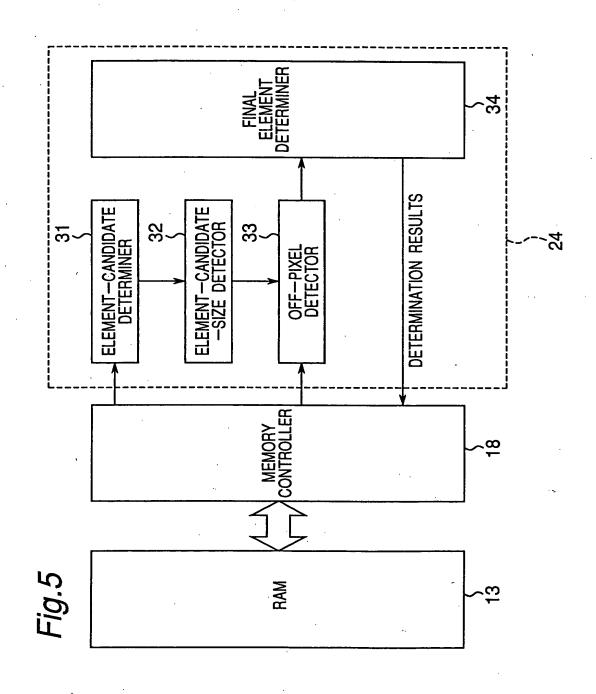
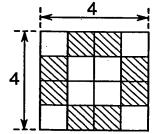
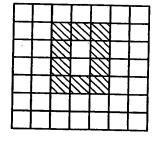


Fig.6



EXAMPLES OF OK

Fig.7A



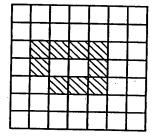
NUMBER OF

ON-PIXELS: 10

SIZE

:3X4

Fig.7B

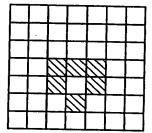


NUMBER OF

ON-PIXELS:9

SIZE :4×3

Fig.7C

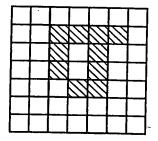


NUMBER OF

ON-PIXELS:6

SIZE :3X3

Fig.7D



NUMBER OF

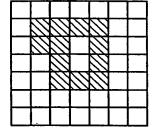
ON-PIXELS: 10

SIZE

:4X4

EXAMPLES OF NG

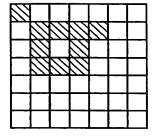
Fig.8A



NUMBER OF

ON-PIXELS: 12 SIZE: 4×4

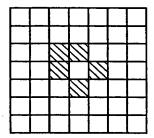
Fig.8B



NUMBER OF

ON-PIXELS: 10 SIZE: 5×4

Fig.8C

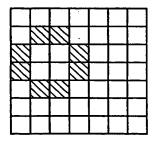


NUMBER OF

ON-PIXELS:5

SIZE :3×3

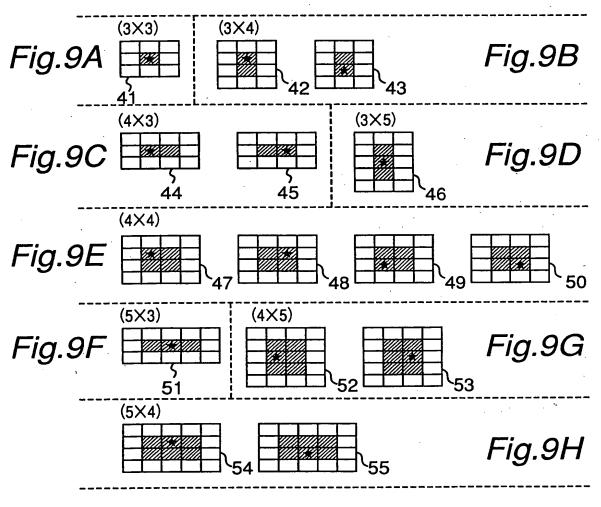
Fig.8D



NUMBER OF

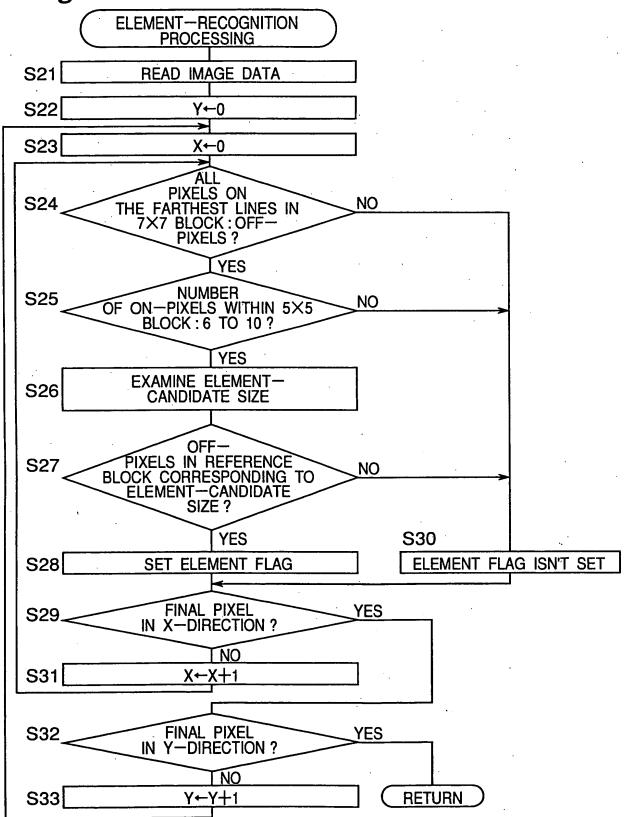
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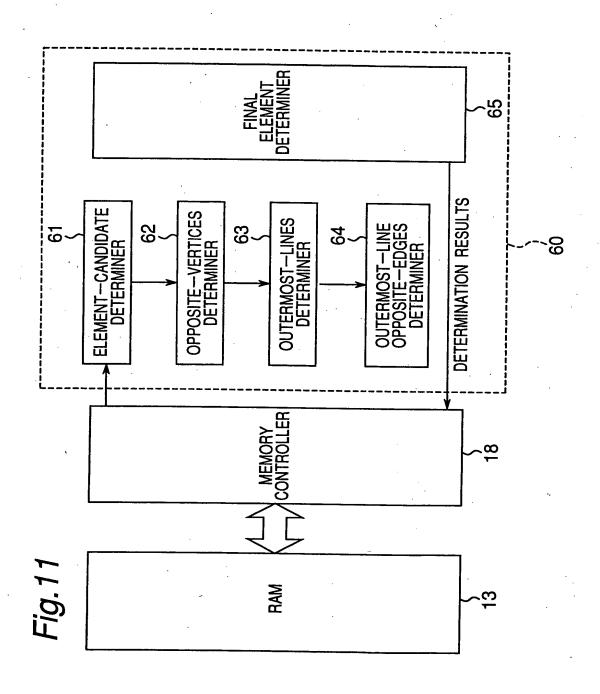
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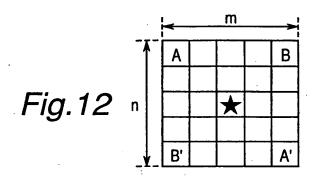


★: ATTENTION PIXEL

Fig.10

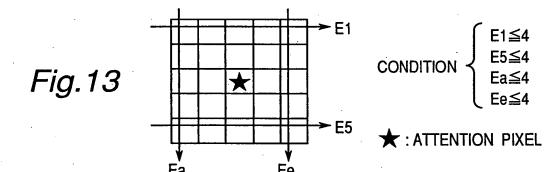






CONDITION $\begin{cases} A+A'<2 \\ B+B'<2 \end{cases}$

★: ATTENTION PIXEL



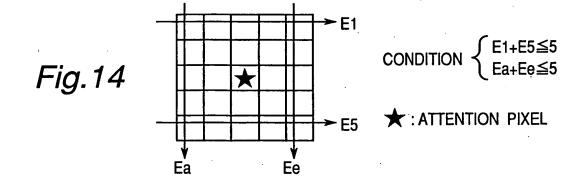
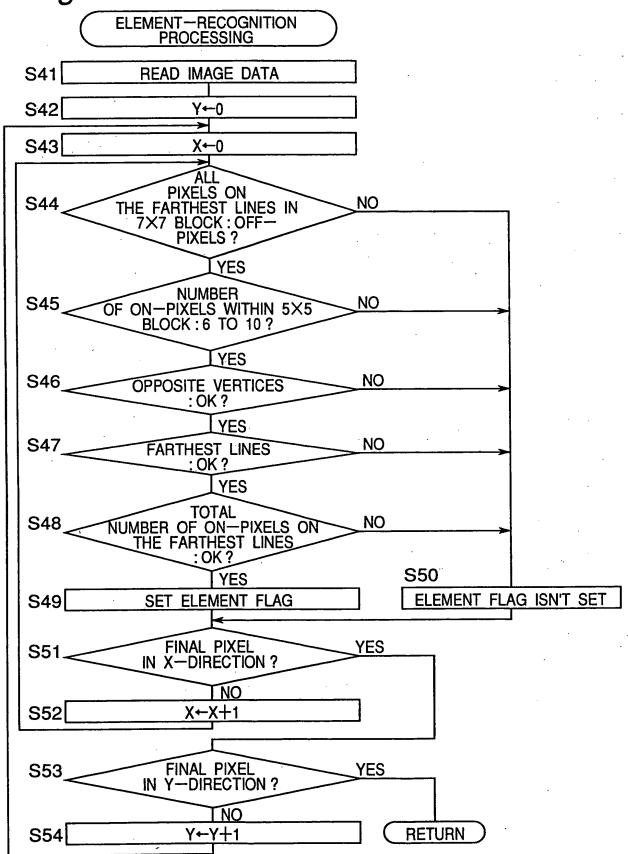
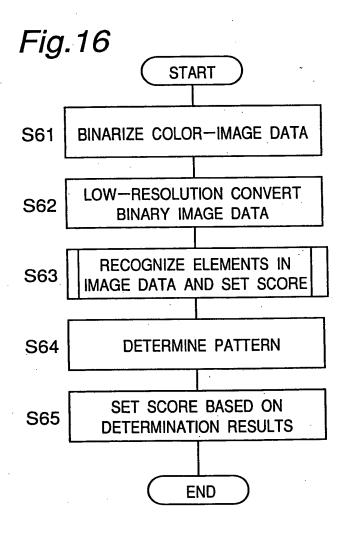


Fig.15





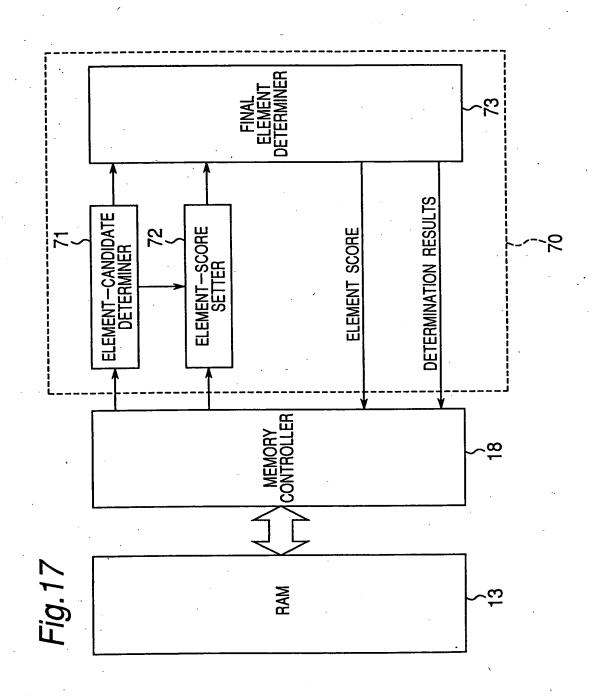
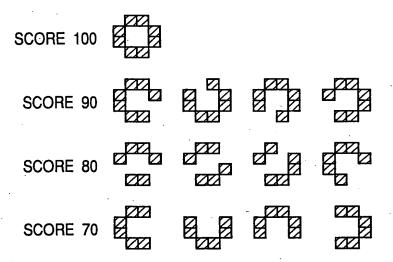
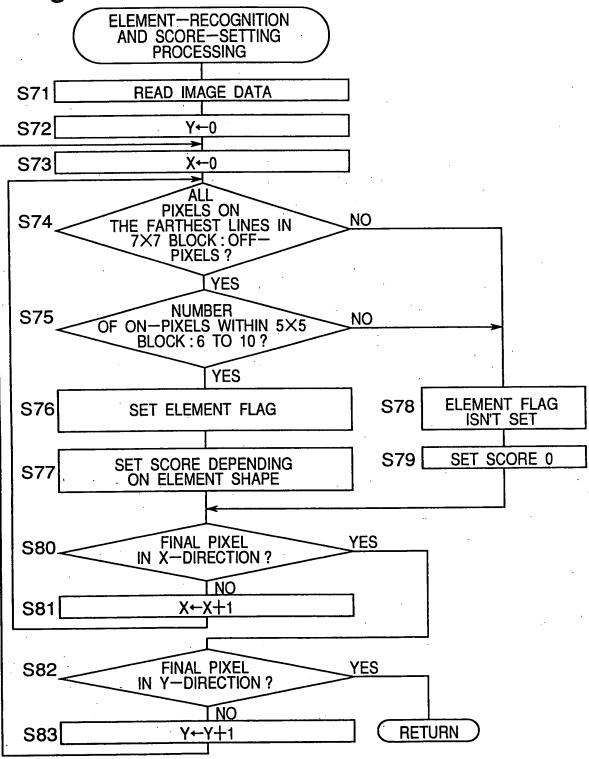
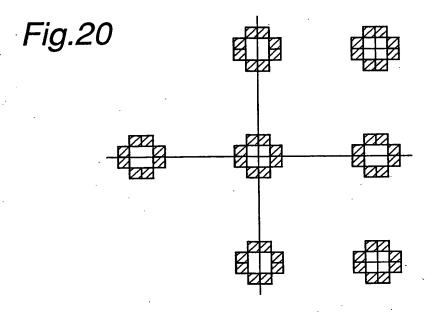


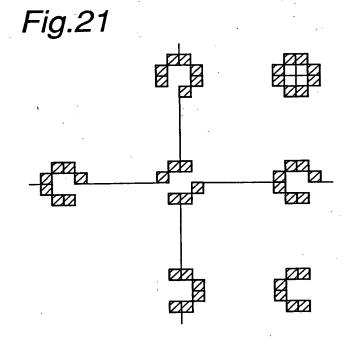
Fig.18











TOTAL SCORE: 520 SCORE 100×1 SCORE 90×3 SCORE 80×1 SCORE 70×2

